LAND APPLICATION SITE

TOMMY O. LONGEST, JR.

KQTLJ 30-33

KING & QUEEN COUNTY

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APP	LICATION AGREEMENT	- BIOSOLIDS AND IN	NOUSTRIAL RESIDUALS
remains in effect until it is t the Landowner in the even	erminated in writing by either	party or, with respect to cels, until ownership of a those parcels for which o	ill parcels changes. If ownership of ownership has changed will no
the agricultural, silvicultura attached as Exhibit A.	or reclamation sites identifie	d below in Table 1 and it	
	thorized to receive biosolids,	water treatment residuals Tax Parcel ID	s or other industrial sludges Tax Parcel ID
Tax Parcel ID	Tax Parcel ID	Tax Tarocrio	TOTAL COLUMN
1623-158R-690	1624-31L-19A,20		
1623-159R-700,700			
1000 1011 100, 100			
1624-336-1064	1623-162R-984		
☐ Additional parcels containing Lar	nd Application Sites are identified on	Supplement A (check if applica	anie)
Check one:	e Landowner is the sole own te Landowner is one of multip	er of the properties ident le owners of the properti	es identified herein.
within 38 months of the late 1. Notify the purchase later than the date 2. Notify the Permitte	est date of biosolids applications of the property transfer; and e of the sale within two week	on, the Landowner shall ble public access and cri s following property trans	sfer.
notify the Permittee immed for application or any part of incorrect.	liately if conditions change su of this agreement becomes in	valid or the information h	
agricultural sites identified	ntified above, before, during mpliance with regulatory requ	Landowner also grants p or after land application o irements applicable to su	of permitted residuals for the uch application.
Class B biosolids Wat ☑ Yes ☐ No ☑ Y	es □ No ⊠	ood processing waste I Yes No	Other industrial sludges 図 Yes □ No P.O・Bok 126
Thomas Oniel hongest Jr. Landowner - Printed Name, Tit	Willer) Thomas O'Nie le Signature	Longer ge Ki	Mailing Address & Phone Number
manner authorized by the VP plan prepared for each land a	A Permit Regulation and in amo application field by a person certi	fied in accordance with §10	uals on the Landowner's land in the identified in the nutrient management .1-104.2 of the Code of Virginia.
The Permittee agrees to notif specifically prior to any partic	y the Landowner or the Landown ular application to the Landowne	ner's designee of the propos er's land. Notice shall includ	sed schedule for land application and le the source of residuals to be applied.

Permittee – Authorized Representative Printed Name

Rev 9/14/2012

Signature

document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this

PO Box 562 Remington, Virginia 22734

Mailing Address

Permittee: Recyc	Systems, Inc	County or City: King & Quelly Co.
Landowner: Thoma	s D'niel Longest, dr.	
Landowner Site Mai	nagement Requirements:	
I, the Landowner, I have r application of biosolids, th	eceived a DEQ Biosolids Fact She e components of biosolids and pro	eet that includes information regarding regulations governing the land oper handling and land application of biosolids.
identified below must be c	y advised by the Permittee that the omplied with after biosolids have to implementation of these practic	e site management requirements and site access restrictions been applied on my property in order to protect public health, and es.
I agree to implement the fobiosolids at the site:	ollowing site management practice	es at each site under my ownership following the land application of
 Notification Signs: biosolids land appli completed. 	I will not remove any signs posted cation site, unless requested by th	by the Permittee for the purpose of identifying my field as a e Permittee, until at least 30 days after land application at that site is
any applic b. Public acc application same peric c. Turf grown when the h	ation of biosolids. ess to land with a low potential for of biosolids. No biosolids amend od of time unless adequate provision land where biosolids are appli	r public exposure shall be restricted for at least one year following public exposure shall be restricted for at least 30 days following any led soil shall be excavated or removed from the site during this ons are made to prevent public exposure to soil, dusts or aerosols; ed shall not be harvested for one year after application of biosolids and with a high potential for public exposure or a lawn, unless
not be han b. Food crops application months pri c. Food crops biosolids re d. Other food	vested for 14 months after the app with harvested parts below the su of biosolids when the biosolids re or to incorporation into the soil, with harvested parts below the su emain on the land surface for a tim crops and fiber crops shall not be	the biosolids/soil mixture and are totally above the land surface shall blication of biosolids. Surface of the land shall not be harvested for 20 months after the smain on the land surface for a time period of four (4) or more surface of the land shall not be harvested for 38 months when the ne period of less than four (4) months prior to incorporation. The harvested for 30 days after the application of biosolids; after the application of biosolids; after the application of biosolids (60 days if fed to lactating dairy).
a. Meat produb. Lactating d	estrictions: lids application to pasture or hayla icing livestock shall not be grazed airy animals shall not be grazed fo als shall be restricted from grazing	l for 30 days, or a minimum of 60 days.
applications such th	at the total crop needs for nutrient	tions will be coordinated with the biosolids and industrial residuals is are not exceeded as identified in the nutrient management plan 0.1-104.2 of the Code of Virginia;
6. Tobacco, because in years following the pounds/acre (0.5 kill)	application of biosolids or industria	cadmium, should not be grown on the Landowner's land for three all residuals which bear cadmium equal to or exceeding 0.45
Thomas O'Niel J	longert g	2-21-/8 Date
Landowner's Signat	ure v	Date
Thomas O'Nies	Longest gr	
Farm Operator Sign	atura	Mailing Address & Phone Number

Thomas O'niel Longest tr.
Title of Landowner

Power, Capacity and Authority. Such Party has the right, power, legal capacity, and authority to execute and enter into this Agreement and to execute all other documents and perform all other acts as may be necessary in connection with the performance of this Agreement.

Thomas O'Miel Longert gr Signature

Thomas Onie / Longest dr.
Printed Name of Signer

2-21-18

Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

, ,	Sittle B. Mortion 1.12		
PART D-VI: LAND APPI	LICATION AGREEMENT -	BIOSOLIDS AND INDU	ISTRIAL RESIDUALS
A. This land application agree here as "Landowner", and remains in effect until it is to the Landowner in the event individual parcels identified longer be authorized to receive	Recyc Systems, Inc., re rminated in writing by either p of a sale of one or more parce in this agreement changes, the give biosolids or industrial resi	ferred to here as the "Permarty or, with respect to thosels, until ownership of all passes parcels for which owned duals under this agreement.	referred to nittee". This agreement se parcels that are retained by arcels changes. If ownership of ership has changed will no t.
attached as Exhibit A.	er of record of the real property or reclamation sites identified		
Table 1.: Parcels auth	norized to receive biosolids, w	rater treatment residuals or	
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
	101.0		
1623-158R-690	1624-31L-14A 20		
1623-158R-690 1623-159R-700,700F	739		
	1623-1396-1301		
1624-33L-1064	d Application Sites are identified on S	Supplement A (check if applicable)	
	the selection	or of the properties identified	d herein.
G√ Th	e Landowner is one of multiple	e owners of the properties	dentined nordin.
within 38 months of the late 1. Notify the purchase later than the date 2. Notify the Permittee	wner sells or transfers all or pest date of biosolids application or transferee of the application of the property transfer; and e of the sale within two weeks er agreements for land application.	ole public access and crop of following property transfer	management restrictions no . I herein. The Landowner will
notify the Permittee immed for application or any part c	lately if conditions change such If this agreement becomes inv	alid or the information here	in contained becomes
agricultural sites identified inspections on the land ide purpose of determining cor	ntified above, before, during compliance with regulatory requiser treatment residuals	or after land application of prements applicable to such applicable to	ermitted residuals for the application. Other industrial sludges Yes □ No Co.Box 136
Deboruh Florgest (du Landowner – Printed Name, Tit	ner J. Klusch S. Kn le Signature	igist Kin	g \$ Queen C.H. Uq. 23085 alling Address & Phone Number
manner authorized by the VP	ipplication field by a person certif	ied in accordance with §10.1-1	04.2 of the Code of Virginia.
condifically prior to any partic	ular application to the Landowner	Statio, Notice ditali merage a	schedule for land application and ne source of residuals to be applied.
☐ I reviewed the document(s document(s) available to DEC) assigning signatory authority to Q for review upon request. (Do no	the person signing for landow of check this box if the landowner s	ner above. I will make a copy of this signs this agreement)

Permittee – Authorized Representative Printed Name

Rev 9/14/2012

Signature

PO Box 562 Remington, Virginia 22734

Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

INGINIA POLLOTION ADATEMENT PENINT 711 PENI	
Permittee: Recyc Systems, Inc Landowner: Deherah F. Longes T	County or City: King & Queen Go
Landowner Site Management Requirements:	
application of biosolids, the components of biosolids and pro	et that includes information regarding regulations governing the land per handling and land application of biosolids.
that I am responsible for the implementation of these practice	een applied on my property in order to protest pashe health, and
I agree to implement the following site management practice biosolids at the site:	s at each site under my ownership following the land application of
and old and a second old and posted	by the Permittee for the purpose of identifying my field as a ePermittee, until at least 30 days after land application at that site is
any application of biosolids. b. Public access to land with a low potential for application of biosolids. No biosolids amend same period of time unless adequate provisions.	public exposure shall be restricted for at least one year following public exposure shall be restricted for at least 30 days following any ed soil shall be excavated or removed from the site during this ons are made to prevent public exposure to soil, dusts or aerosols; ed shall not be harvested for one year after application of biosolids
when the harvested turf is placed on either la otherwise specified by DEQ.	and with a high potential for public exposure of a fawir, diffess
 a. Food crops with harvested parts that touch the not be harvested for 14 months after the apple. b. Food crops with harvested parts below the supplication of biosolids when the biosolids remonths prior to incorporation into the soil, c. Food crops with harvested parts below the subject biosolids remain on the land surface for a time. d. Other food crops and fiber crops shall not be Feed crops shall not be harvested for 30 day animals). 	ne biosolids/soil mixture and are totally above the land surface shall lication of biosolids. urface of the land shall not be harvested for 20 months after the main on the land surface for a time period of four (4) or more urface of the land shall not be harvested for 38 months when the se period of less than four (4) months prior to incorporation. harvested for 30 days after the application of biosolids; as after the application of biosolids (60 days if fed to lactating dairy
 Livestock Access Restrictions: Following biosolids application to pasture or hayla a. Meat producing livestock shall not be grazed b. Lactating dairy animals shall not be grazed formation. Other animals shall be restricted from grazin 	for 30 days, or a minimum of 60 days. g for 30 days;
applications such that the total crop needs for nutrien developed by a person certified in accordance with §?	tions will be coordinated with the biosolids and industrial residuals are not exceeded as identified in the nutrient management plan 0.1-104.2 of the Code of Virginia;
 Tobacco, because it has been shown to accumulate a years following the application of biosolids or industrial pounds/acre (0.5 kilograms/hectare). 	cadmium, should not be grown on the Landowner's land for three al residuals which bear cadmium equal to or exceeding 0.45
Helmon J. Angust	2-21-18 Date
Landowner's Signature	Date



Power, Capacity and Authority. Such Party has the right, power, legal capacity, and authority to execute and enter into this Agreement and to execute all other documents and perform all other acts as may be necessary in connection with the performance of this Agreement.

Gerature Signature

Deborah F. Longes T

2-21-18

Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

A. This land application agree here as "Landowner", and remains in effect until it is tenthe Landowner in the event of individual parcels identified it longer be authorized to rece	of a sale of one or more parcer n this agreement changes, tho ive biosolids or industrial resid	between	referred to referred to rmittee". This agreement nose parcels that are retained by parcels changes. If ownership of rnership has changed will not ent.
the agricultural, silvicultural of attached as Exhibit A.	of record of the real property or reclamation sites identified b	located in <u>CSCX</u> Copelow in Table 1 and ide	o, Virginia, which includes intified on the tax map(s)
Table 1.: Parcels auth	orized to receive biosolids, wa	ter treatment residuals	or other industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
Tax Map 23-162R-137	and the state of t	erre y farwijski sin in it	SALE TEACHER TO WAS SMALL
K&Q 23-163R-1237	23-1621-983	Essex Co.	
23-163R-987	23-1374-1207	Tax Map 52-76	,
24-53R-70	23-163R-996		
27-1571-141	KQ 1624-311-19A, 20-1	Multiple Owner)	rated. The residence of the
Additional parcels containing Land	Application Sites are identified on Su Landowner is the sole owner	pplement A (check if applicable	le)
In the event that the Landow within 38 months of the lates 1. Notify the purchaser later than the date o 2. Notify the Permittee The Landowner has no othe notify the Permittee immedia for application or any part of incorrect. The Landowner hereby gran agricultural sites identified a	titied above before dilling of	t of the property to whice the Landowner shall: epublic access and cropollowing property transfection on the fields identified that the fields are no look identified or the information here to land apply residuals and owner also grants per after land application of	h biosolids have been applied of management restrictions not be. The Landowner will an an an anger available to the Permittee rein contained becomes as specified below, on the remission for DEQ staff to conduct permitted residuals for the
purpose of determining com	pliance with regulatory require	ments applicable to suc	h application. Other industrial sludges
Class B biosolids Water ☑ Yes ☐ No ☑ Ye	T No.	es DNo	⊠ Yes □ No
Ribert E. Gibson Trus, Landowner - Printed Name, Title	Signature		26841 The Trail Mattaponi, Uq, 2311 Mailing Address & Phone Number
Permittee: Recyc Systems, Inc_, the Fermanner authorized by the VPA plan prepared for each land ap	plication field by a person certified	ds and/or industrial residua is not to exceed the rates id d in accordance with §10.1	dentified in the nutrient management 104.2 of the Code of Virginia.
The Permittee agrees to notify specifically prior to any particul	the Landowner or the Landowner ar application to the Landowner's	's designee of the propose land. Notice shall include	d schedule for land application and the source of residuals to be applied.
	assigning signatory authority to th for review upon request. (Do not c	e person signing for landov	wner above. I will make a copy of this
		S NO SERVICE S	00704

Permittee – Authorized Representative Printed Name

Rev 9/14/2012

Signature

PO Box 562 Remington, Virginia 22734

Mailing Address

9.0

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT Permittee: Recyc Systems, Inc County or City: Essex Co.

Landowner: Robert E. Gibson Thus toe Landowner Site Management Requirements: I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids. I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices. I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site: 1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed. 2. Public Access a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids. b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols; c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ. a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids. b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil, c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation. d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids; e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals). Following biosolids application to pasture or hayland sites:

a. Meat producing livestock shall not be grazed for 30 days,

b. Lactating dairy animals shall not be grazed for 5. 4. Livestock Access Restrictions: b. Lactating dairy animals shall not be grazed for a minimum of 60 days. c. Other animals shall be restricted from grazing for 30 days; 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;

6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Roly 3 Gilver Farm Operator Signature

26841 The Trail
Mattaponi Va. 23110

Mailing Address & Phone Number

804-785-2484

Page 2 of 2

Robert E. Gibson Trustee

Power, Capacity and Authority. Such Party has the right, power, legal capacity, and authority to execute and enter into this Agreement and to execute all other documents and perform all other acts as may be necessary in connection with the performance of this Agreement.

ROBERT F GIBSON

Printed Name of Signer

11-21-17

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APP	LICATION AGREEMENT -	BIOSOLIDS AND INDU	JSTRIAL RESIDUALS
remains in effect until it is to the Landowner in the event individual parcels identified longer be authorized to rece Landowner:	Recyc Systems, Inc, reprint record of the real property or reclamation sites identified	party or, with respect to tho els, until ownership of all places parcels for which own duals under this agreement when the same of the control of the contro	se parcels that are retained by arcels changes. If ownership o ership has changed will no ht.
	norized to receive biosolids, w	rater treatment residuals or	other industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
Tax Nap		ere jake idea jak	
23-162R-1375	- 23-157L-646	23-163R-996	
23-1638-1237		KQ1624-311-19A,20 -	- (multiple Owner)
23-163R-987	23-162L-983	ESSEX Co.	
24-53R-70	23-1371-1207	Tax Map 52-76	
☐ Additional parcels containing Land	d Application Sites are identified on S	upplement A (check if applicable)	
Check one: The	e Landowner is the sole owne e Landowner is one of multiple	r of the properties identified e owners of the properties	d herein. identified herein.
within 38 months of the late 1. Notify the purchase later than the date of the later than the date of the later than the permittee. The Landowner has no other notify the Permittee immediate.	vner sells or transfers all or past date of biosolids application or transferee of the applicable of the property transfer; and e of the sale within two weeks are agreements for land applicately if conditions change sucf this agreement becomes inv	n, the Landowner shall: le public access and crop of following property transfer ation on the fields identified the that the fields are no long	management restrictions no herein. The Landowner will ger available to the Permittee
incorrect.	a _{and} and a superior of the grade process.	onto e in figer de la propertición propria de	
agricultural sites identified a inspections on the land ider	nts permission to the Permitte above and in Exhibit A. The Latified above, before, during of apliance with regulatory requir	andowner also grants perm r after land application of p	nission for DEQ staff to conduct ermitted residuals for the
	r treatment residuals Foo	od processing waste Yes □ No E	Other industrial sludges Yes □ No R6841 The Trail
Nettie C. Gibson Trus Landowner - Printed Name, Title	teo Mottie C. Libson Signature	1 Truste M	attaponi Vo. 23110 ailing Address & Phone Number 804-785-2484
manner authorized by the VPA	Permittee, agrees to apply biosol Permit Regulation and in amour plication field by a person certific	nts not to exceed the rates ide	ntified in the nutrient management
specifically prior to any particu		s land. Notice shall include th	e source of residuals to be applied
☐ I reviewed the document(s) document(s) available to DEQ	assigning signatory authority to t for review upon request. (Do not	he person signing for landowr check this box if the landowner si	ner above. I will make a copy of thi gns this agreement)
Struko	Drub	PO Box 562 Re	emington, Virginia 22734

Page 1 of 2

Mailing Address

Permittee - Authorized Representative

Printed Name

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc County or City: Essex Co.	
Permittee: Recyc Systems, Inc County or City: Essex Co.	
andowner: Nettie C. Gibson Trustee	
_andowner Site Management Requirements:	
, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the application of biosolids, the components of biosolids and proper handling and land application of biosolids.	land
have also been expressly advised by the Permittee that the site management requirements and site access restrictions dentified below must be complied with after biosolids have been applied on my property in order to protect public health, and hat I am responsible for the implementation of these practices.	
agree to implement the following site management practices at each site under my ownership following the land application plosolids at the site:	of
 Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that si completed. 	te is
 Public Access a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids. b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aeroso c. c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolid when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ. 	any ols;
 3. Crop Restrictions: a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface s not be harvested for 14 months after the application of biosolids. b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil, c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation. d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids; e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dai animals). 	9
 4. Livestock Access Restrictions: Following biosolids application to pasture or hayland sites: a. Meat producing livestock shall not be grazed for 30 days, b. Lactating dairy animals shall not be grazed for a minimum of 60 days. c. Other animals shall be restricted from grazing for 30 days; 	
 Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residual applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plated developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia; 	ıls ın
 Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).)
Mettie C. Libson Trustee 10-31-17	
Landowner's Signature 10-31-17 Date	
Port & Tilson Parm Operator Signature Ram Operator Signature Mailing Address & Phone Number	9
THIT Operator orginatore	-
804-785-2484	

Nettie C. Gibson Trustee

Power, Capacity and Authority. Such Party has the right, power, legal capacity, and authority to execute and enter into this Agreement and to execute all other documents and perform all other acts as may be necessary in connection with the performance of this Agreement.

Mettie C. Libson

Signature

Nettie C. Gibson

Printed Name of Signer

//-2/-/7 Date

FARM DATA SHEET

SITE NAME:	Tommy O. Longest, Jr.	COUNTY:	King & Queen
OWNER:	See List Below	OPERATOR:	Tommy O. Longest, Jr.
OWNER'S	See List Below	OPERATOR'S	P.O. Box 126
ADDRESS:		ADDRESS:	King & Queen C.H., VA 23085
OWNER'S TELEPHONE:	See List Below	OPERATOR'S TELEPHONE:	-
GENERAL FARM TYPE:	Row Crops	CELL PHONE:	804-824-4712
# CATTLE:	None	EMAIL:	
LAGOON or SLURRY:	N/A	LATITUDE:	37.668
TOPO QUAD:	King & Queen Courthouse	LONGITUDE:	- 76.867
COMMENTS:		METHOD OF DETERMINATION:	Online Maps
P King & Qu	t, Jr. and Deborah F. Long .O. Box 126 leen C.H., VA 23085)4-824-4712	26841 Mattapo	tie C. Gibson Trustees The Trail ni, VA 23110 785-2484
			SDA

RECYC SYSTEMS, INC FIELD DATA SHEET

Field	Gross	Environn	nentally Se	ensitive	Soils		Tax	FSA
			Bed Rock/	Surf/		Hydro		
Identification	Acres	Water Table	Shallow	Leach Freq Flood Map Map #		Map#	Tract #	
		13A NovMay						
		19A DecApr.						T 405
KQTLJ 30	27.7	19B DecApr.	-	-		YO 60	1624-31L-20	F 1
		19A DecApr.						T 405
KQTLJ 31	3.3	19B DecApr.	-		: - .x	YO 60	1624-31L-20	F 3
		5E NovApr.						
		19A DecApr.						T 405
KQTLJ 32	3.3	19B DecApr.	_	-		YO 60	1624-31L-20	F 2
		15B NovApr.						
		19A DecApr.						T 405
KQTLJ 33	12.6	19B DecApr.	-	-	_	YO 60	1624-31L-20	F 4
ž.								
TOTAL ACRES IN SITE	46.9							

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee:

Recyc Systems, Inc

Site Name:

Tommy O. Longest, Jr.

County or City:

King & Queen Co.

Please Print

Signature not required on this page

Tax Parcel ID(s)	Landowners (s)
1624-31L-20	Thomas O. Longest, Jr., Deborah F. Longest, Robert E. Gibson Trustee, Nettie C. Gibson Trustee
1624-31L-19A	Thomas O. Longest, Jr., Deborah F. Longest, Robert E. Gibson Trustee, Nettie C. Gibson Trustee

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet (Spring, 2018-Summer, 2020) Tommy O. Longest Jr. Planner: John Doe

Tract: 405

Location: King & Queen

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (Ibs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (Ibs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1/KQTLJ 30(N)	28/28	2018	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
3/KQTLJ 31(N)	3/3	2018	Corn (grain)	150-80-80	20/0				130-80-80	N/A			
2/KQTLJ 32(N)	3/3	2018	Corn (grain)	150-80-80	20/0				130-80-80	N/A			
4/KQTLJ 33(N)	13/13	2018	Corn (grain)	160-80-80	20/0				140-80-80	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K20	Lab	Soil pH	Lime Date	rec. lime tons/Ac
405	KQTLJ 30	28	[No Test]						
405	KQTLJ 31	3	[No Test]						
405	KQTLJ 32	3	[No Test]						
405	KQTLJ 33	13	[No Test]						

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
405	405/1	KQTLJ 30	28	Tetotum	Ilb	1	Ш	1	
	405/3	KQTLJ 31	3	Tetotum	IIb	1	Ш	1	
	405/2	KQTLJ 32	3	Tetotum	Ilb	1	Ш	1	
	405/4	KQTLJ 33	13	Tetotum	lla	1	Ш	1	

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
İl	150-170	70-80	56-64	4-6	3.5-4.0
iii	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan:

New Plan

Spring, 2018 - Summer, 2020

Farm Name:

Tommy O. Longest Jr.

Location:

King & Queen

Specialist: N-based Acre John Doe

N-based Acres: 46.9 P-based Acres: 0.0

Tract Name:

405

FSA Number: 405 Location:

King & Queen

Field Name:

KQTLJ 30

Total Acres:

27.70 Usable Acres: 27.70

FSA Number: 1

Tract:

405

Location:

King & Queen

Slope Class:

Hydrologic Group:

С

Riparian buffer width: 0 ft Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

Р

K

Lab

[NO TEST]

PH

Soils:

PERCENT

SYMBOL

SOIL SERIES

5 86 13A 19A Roanoke Tetotum

9

19B

Tetotum

Field Warnings:

Field Name:

KQTLJ 31

Total Acres:

Usable Acres: 3.30 3.30

FSA Number:

3 405

В

Tract:

Location:

King & Queen

Slope Class:

Hydrologic Group:

C

Riparian buffer width: 0 ft Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

PH

Ρ

K

Lab

[NO TEST]

Soils:

PERCENT SYMBOL SOIL SERIES

10

5E

Emporia Slagle

7

19A

Tetotum

83

Tetotum 19B

Field Warnings:

Field Name:

KQTLJ 32

Total Acres:

Usable Acres: 3.30 3.30

FSA Number: 2

Tract:

405

Location:

King & Queen

Slope Class:

В

Hydrologic Group:

C

Riparian buffer width: 0 ft

Distance to stream: 0 ft P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method Soil Test Results: K Lab Ρ DATE PH [NO TEST] Soils: **SOIL SERIES PERCENT** SYMBOL 19A Tetotum 18 82 19B Tetotum Field Warnings: **KQTLJ 33** Field Name: 12.60 Usable Acres: 12.60 Total Acres: FSA Number: 4 Tract: 405 King & Queen Location: Hydrologic Group: C Slope Class: Α Riparian buffer width: 0 ft Distance to stream: 0 ft P-Index Summary N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method Soil Test Results: K Lab PH Р DATE [NO TEST] Soils: SYMBOL SOIL SERIES **PERCENT**

9	15B	Slagle
32	16A	State1
48	19A	Tetotum
11	19B	Tetotum

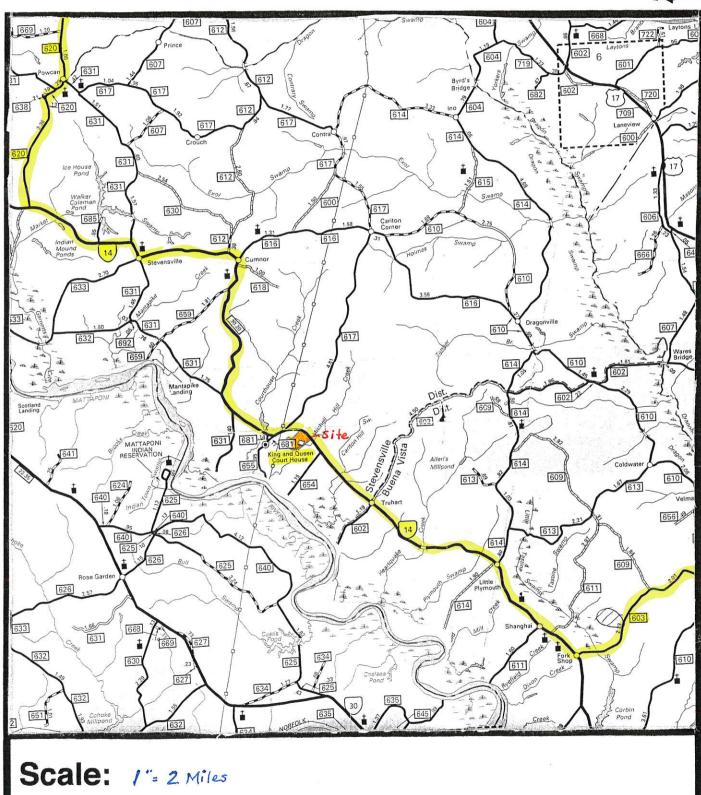
Field Warnings:

MAPS

Recyc Systems...

(Biosolids Land Application)

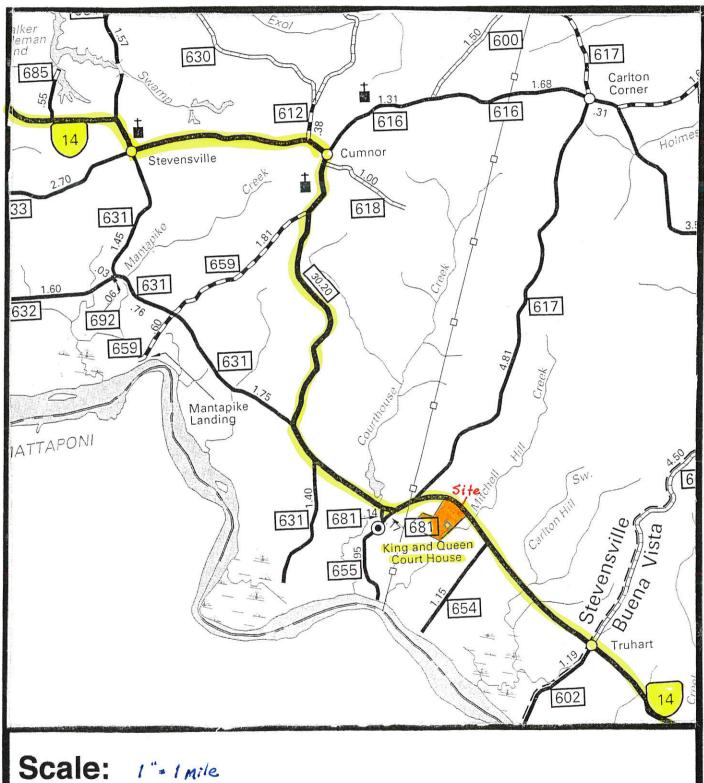




Recyc Systems.

(Biosolids Land Application)



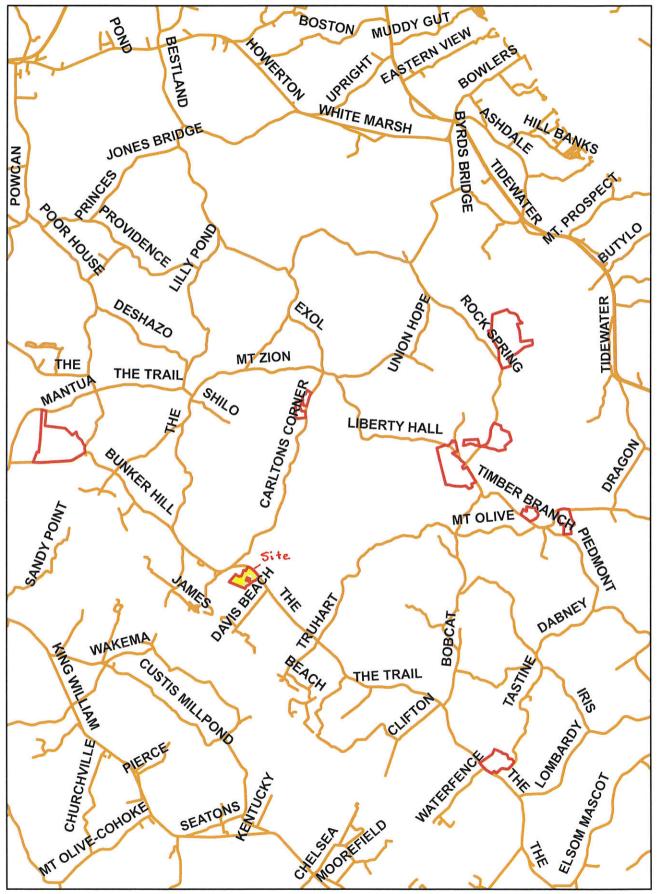


VICINITY MAP

4-25-18

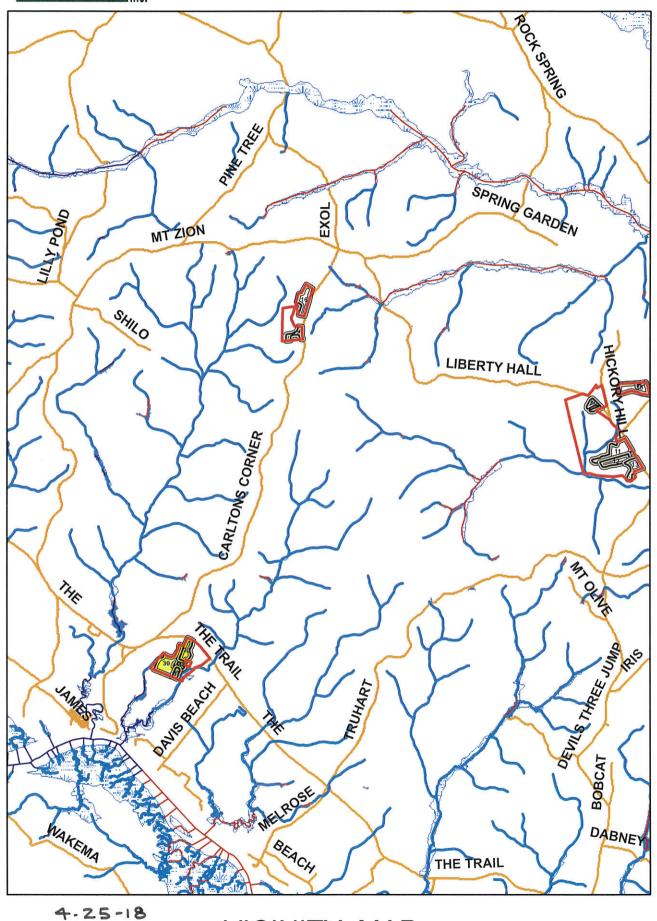
M





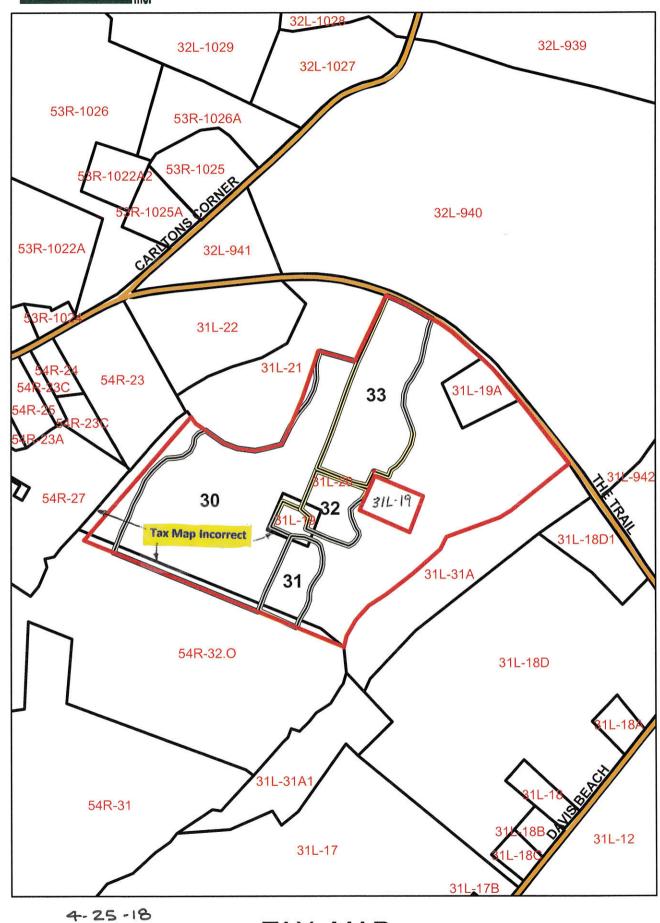








TOMMY O. LONGEST, JR.





PAGE 62 BOOK 13 VIRGINIA: LOCATION JOSEPH W. CARLTON MAGISTERIAL DISTRICT STEVENSYILLE KING and QUEEN COUNTY, VIRGINIA C. W. WARTHEN Ladadadan kantan ka 290.00 5 59° 30' 01" E Tax Parcel 311-19 To King & Queen Court House the certificate 1130'= COURT 1.0 Ac D.B. 101, Pg. 445 KING AND 385'± Frame House Existing R/W as correct survey, this 18th gust, 1986. Shed Fd. Axic 290.00 01"4 30' Virginia, King and Queen, to wit: regoing was acknowledged this 18th day of August, Scale: 1"-40 Date: July 2,1986 Joseph W. Carlton and R.PEEL DILLARD

cartifu that this perimeter survey

R. PEEL D'LLARD

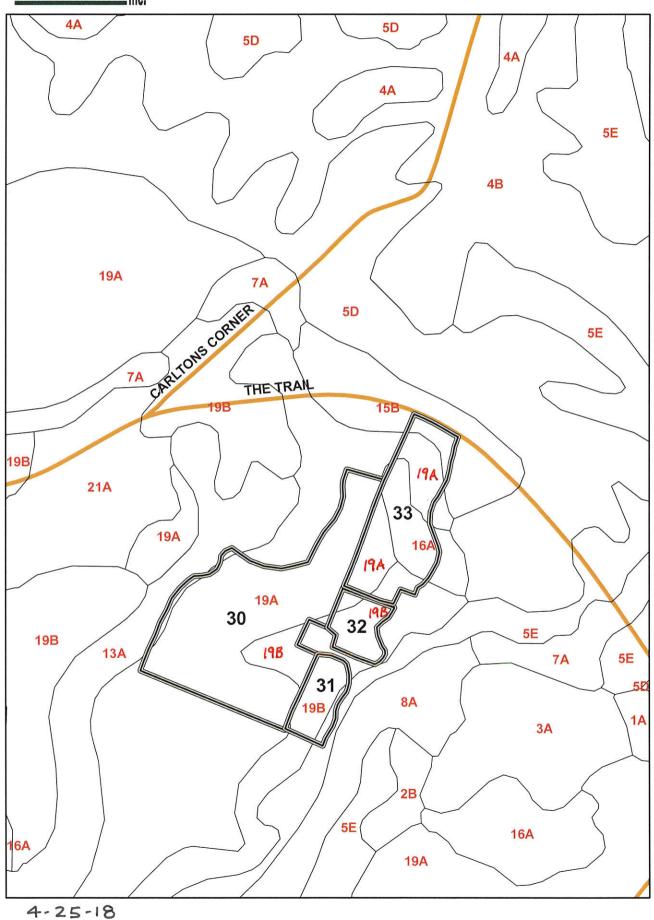
arlton.

ADJOINING LANDOWNERS

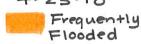
Tommy O. Longest, Jr.

KING & QUEEN COUNTY

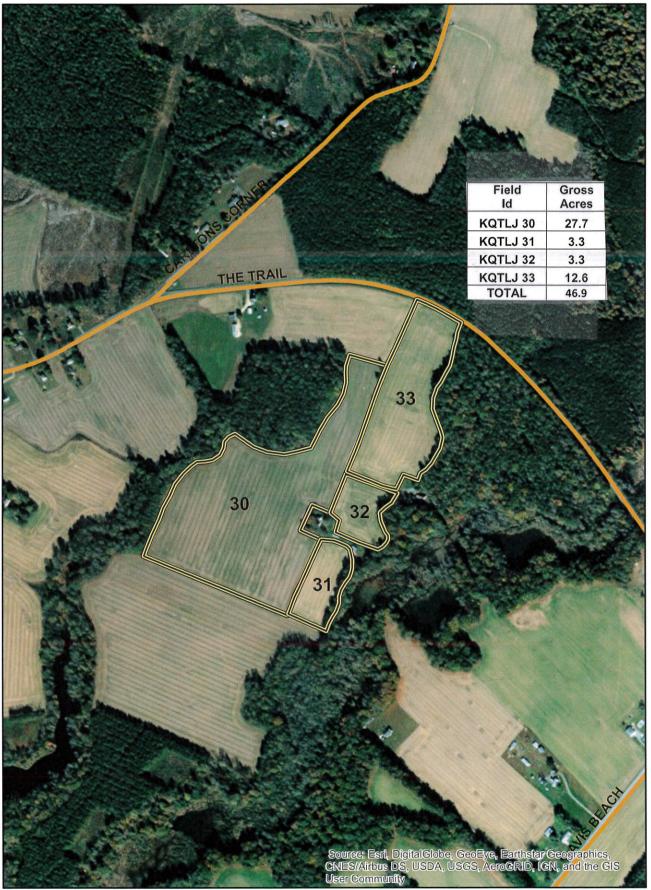
Tax Map	Parcel #	Owner Name(s)
		, ,
1624	31L-18D	Lewis L. and Phyllis T. Norman Trustees
	31L-19	Doreen R. Carlton
	31L-19A	Thomas O. Longest, Jr. et. als.
	31L-20	Thomas O. Longest, Jr. et. als.
	31L-21	William B. Carlton et. als.
	31L-22	William B. Carlton et. als.
	32L-940	Albert T. Beane, Jr. et. als.
	54R-23	Rebecca B. Ferguson
	54R-23C	Rebecca B. Ferguson
	54R-27	Rebecca B. Ferguson
	54R-32	Rebecca B. Ferguson
		*
		, and the second







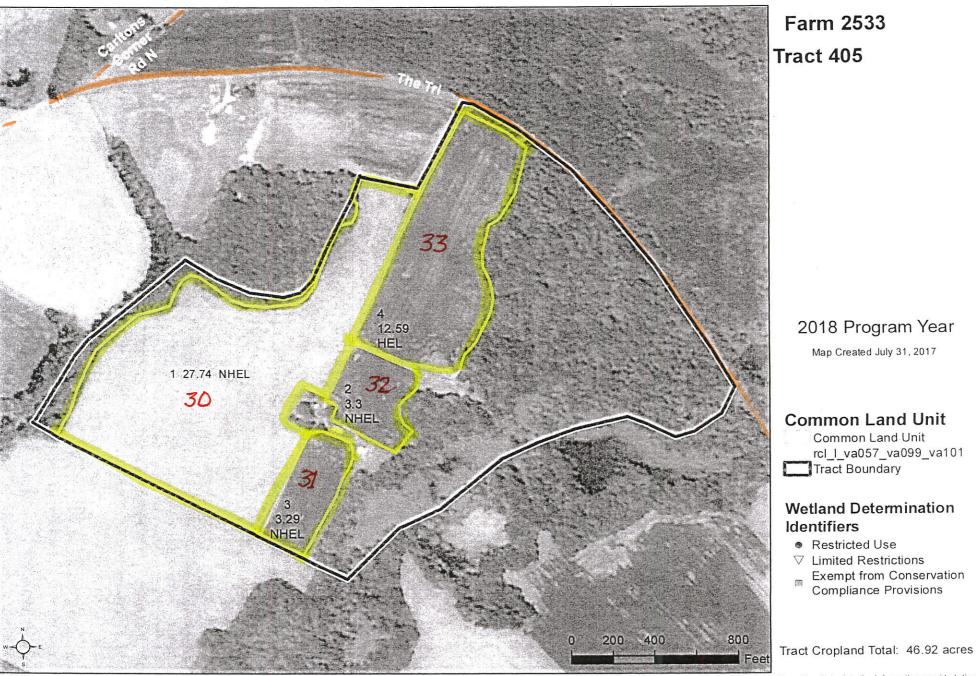








King and Queen County, Virginia



United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Map Created July 31, 2017

Common Land Unit rcl_l_va057_va099_va101

Exempt from Conservation Compliance Provisions

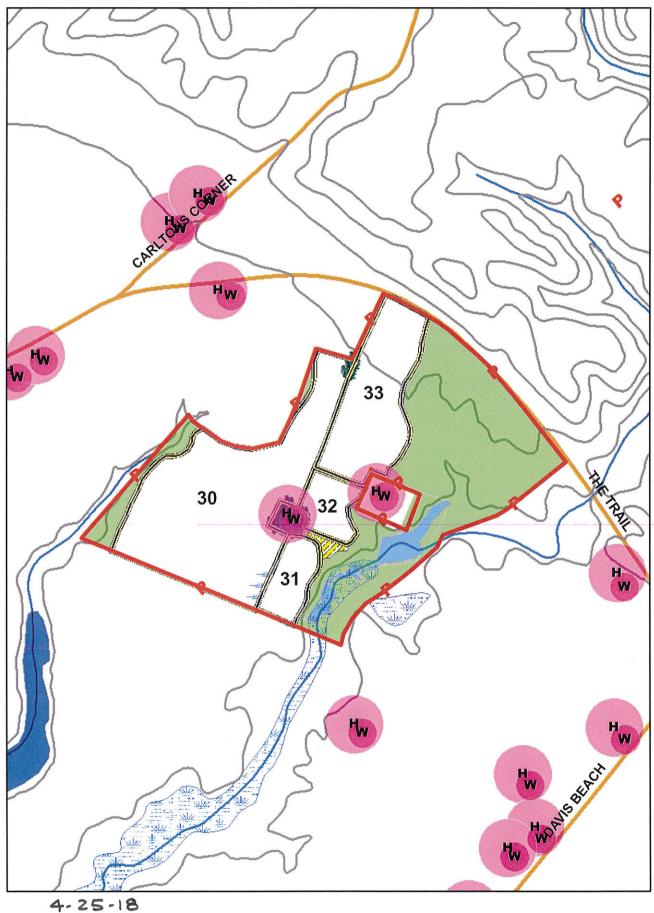
Tract Boundary

Legend For Site Plan

Symbol	Feature	Minimum Setback		
HVM	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs		
w s	Well or Spring	100 feet from water supply wells or springs		
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer		
ш	Wet Spot			
	Trees and Woods			
	Private Drive			
R	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops		
3	Severely Eroded Spot	18 Inch minimum depth of soil		
5	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes		
	State Road	10 feet from side of roadway		
	Fence / Field Boundary			
P P P	Property Line	100 feet from property line *		
SL S	Slope	15% maximum		
	Hashed out Area	No application		

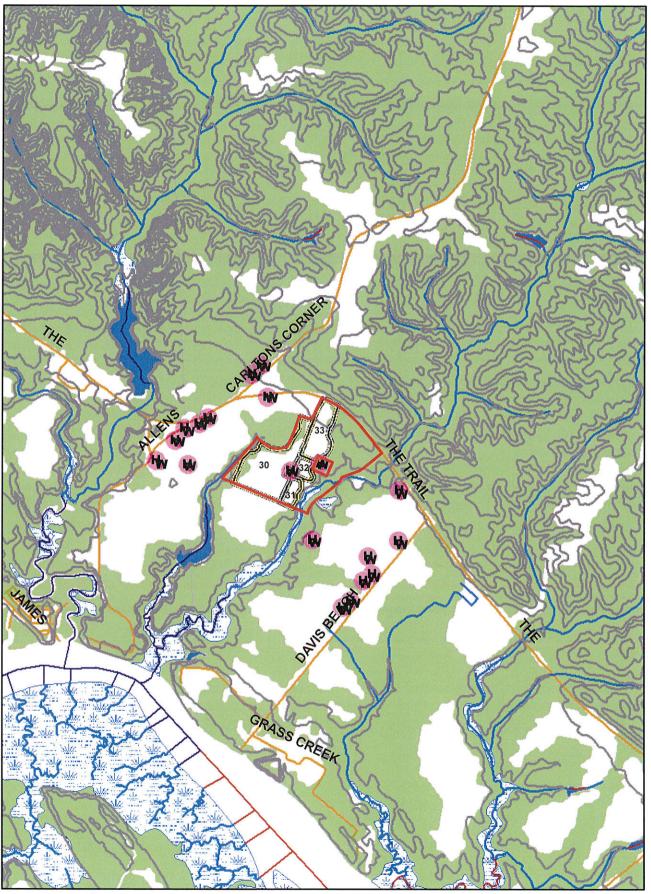
^{*}Buffer can be reduced or waived upon written consent from landowner.













4-25-18